

10/806,315

=>

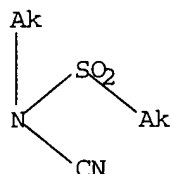
Uploading C:\Program Files\Stnexp\Queries\806315.str

L2 STRUCTURE UPLOADED

=> d 12

L2 HAS NO ANSWERS

L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 12

SAMPLE SEARCH INITIATED 15:49:09 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 42 TO ITERATE

100.0% PROCESSED 42 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 452 TO 1228

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L2

=> s 12 sss full

FULL SEARCH INITIATED 15:49:16 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 768 TO ITERATE

100.0% PROCESSED 768 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

L4 6 SEA SSS FUL L2

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

162.19

162.40

FILE 'CAOLD' ENTERED AT 15:49:23 ON 24 JUN 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are

10/806,315

now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s l4

L5 0 L4

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.43

162.83

FILE 'CAPLUS' ENTERED AT 15:49:41 ON 24 JUN 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 24 Jun 2005 VOL 143 ISS 1

FILE LAST UPDATED: 23 Jun 2005 (20050623/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L6 3 L4

=> d l6 1-3 ibib abs hitstr

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:50629 CAPLUS

DOCUMENT NUMBER: 134:86275

TITLE: Process for preparing 2-amino-4-(4-fluorophenyl)-6-alkylpyrimidine-5-carboxylates

INVENTOR(S): Veith, Ulrich

PATENT ASSIGNEE(S): Lonza A.-G., Switz.

SOURCE: PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

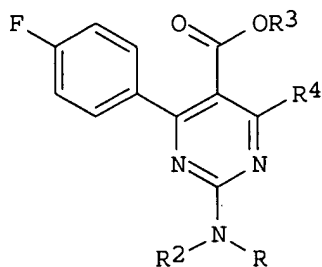
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

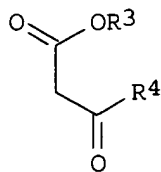
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001004100	A1	20010118	WO 2000-EP6099	20000630
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2378782	AA	20010118	CA 2000-2378782	20000630
EP 1194414	A1	20020410	EP 2000-949231	20000630
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, MC, IE, SI, LT, LV, FI, RO				
JP 2003504359	T2	20030204	JP 2001-509711	20000630
TW 225484	B1	20041221	TW 2000-89113824	20000712
NO 2002000163	A	20020111	NO 2002-163	20020111
US 6579984	B1	20030617	US 2002-30077	20020301
HK 1046682	A1	20050408	HK 2002-108215	20021113
US 2003199695	A1	20031023	US 2003-443797	20030523
US 6710178	B2	20040323		
US 2004181065	A1	20040916	US 2004-806315	20040323
PRIORITY APPLN. INFO.:			EP 1999-113711	A 19990713
			EP 1999-120417	A 19991014
			US 2000-185371P	P 20000228
			US 2000-185465P	P 20000228
			EP 2000-106303	A 20000323
			WO 2000-EP6099	W 20000630
			US 2002-30077	A3 20020301
			US 2003-443797	A3 20030523
OTHER SOURCE(S):		CASREACT 134:86275; MARPAT 134:86275		
GI				

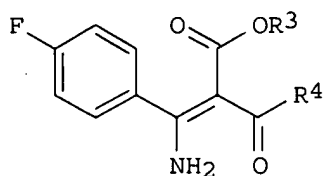
applicant



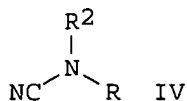
I



II



III



IV

AB The title compds. [I; R = H, SO₂R₁; R₁ = alkyl; R₂ = H, alkyl; R₃ = alkyl; R₄ = alkyl] were prepared by reacting a compound II with 4-fluorobenzonitrile in the presence of a Lewis acid followed by reaction of the resulting

10/806,315

intermediate III with a compound IV.

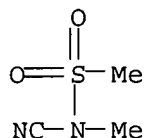
IT **317806-76-1P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(process for preparing 2-amino-4-(4-fluorophenyl)-6-alkylpyrimidine-5-carboxylates)

RN 317806-76-1 CAPLUS

CN Methanesulfonamide, N-cyano-N-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1991:491695 CAPLUS

DOCUMENT NUMBER: 115:91695

TITLE: Nucleophilic substitution reactions of polyfluoroalkylsulfonamides

AUTHOR(S): Guo, Cai Yun; Kirchmeier, Robert L.; Shreeve, Jean'ne M.

CORPORATE SOURCE: Dep. Chem., Univ. Idaho, Moscow, ID, 83843, USA

SOURCE: Journal of Fluorine Chemistry (1991), 52(1), 29-36

CODEN: JFLCAR; ISSN: 0022-1139

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 115:91695

AB The sulfonamides, CF₃SO₂N(CH₃)Na and CF₃SO₂N(H)Na, have been reacted with polyfluoro cyclic, acyclic and inorg. chlorine and bromine-containing species. Nucleophilic displacement of chlorine or bromine in 1,2-dichloroperfluorocyclobutene, 1,2-dichloroperfluorocyclopentene, benzyl bromide, cyanuric chloride and oxalyl chloride has been found to occur under mild conditions to give good yields of N-substituted polyfluoroalkyl and polyfluoroarylsulfonamides. The effects of solvent and substrate structure on the conditions necessary for the reaction to occur, and the yields obtained of the desired products are discussed.

IT **135296-20-7P**

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)

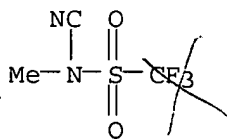
RN 135296-20-7 CAPLUS

CN Methanesulfonamide, N-cyano-1,1,1-trifluoro-N-methyl-, trimer (9CI) (CA INDEX NAME)

CM 1

CRN 135296-19-4

CMF C3 H3 F3 N2 O2 S



L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1976:18306 CAPLUS
 DOCUMENT NUMBER: 84:18306
 TITLE: N-Cyanosulfonamide resins and intermediate products
 INVENTOR(S): Kray, Raymond J.
 PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.
 SOURCE: Ger. Offen., 40 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2504046	A1	19750807	DE 1975-2504046	19750131
US 3944526	A	19760316	US 1974-439487	19740204
AU 7476890	A1	19760701	AU 1974-76890	19741231
CA 1066719	A1	19791120	CA 1975-218803	19750128
BE 825103	A1	19750804	BE 1975-152986	19750203
FR 2272988	A1	19751226	FR 1975-3226	19750203
ZA 7500680	A	19760128	ZA 1975-680	19750203
DD 122816	C	19761105	DD 1975-183965	19750203
ES 434403	A1	19761116	ES 1975-434403	19750203
DD 125641	C	19770504	DD 1975-189703	19750203
IT 1031425	A	19790430	IT 1975-19909	19750203
NL 7501317	A	19750806	NL 1975-1317	19750204
JP 50116422	A2	19750911	JP 1975-14784	19750204
JP 58048571	B4	19831029		
GB 1493799	A	19771130	GB 1975-4510	19750204
GB 1493481	A	19771130	GB 1975-4752	19750204
SU 627751	D	19781005	SU 1975-2104243	19750204
FR 2279792	A1	19760220	FR 1975-20033	19750626
FR 2279792	B1	19790803		
US 4049711	A	19770920	US 1976-661468	19760226
US 4080483	A	19780321	US 1977-792949	19770502
US 4150051	A	19790417	US 1977-862794	19771221
CA 1066840	A2	19791120	CA 1978-313331	19781013
JP 58154551	A2	19830914	JP 1982-170777	19820929
JP 60000342	B4	19850107		
JP 58154552	A2	19830914	JP 1982-170778	19820929
JP 60000343	B4	19850107		
JP 58154726	A2	19830914	JP 1982-170779	19820929
JP 59046978	B4	19841116		
JP 58154727	A2	19830914	JP 1982-170780	19820929
JP 59046979	B4	19841116		
JP 59015429	A2	19840126	JP 1983-37228	19830307
JP 59046980	B4	19841116		
PRIORITY APPLN. INFO.:			US 1974-439487	A 19740204
			CA 1975-218803	A3 19750128
			GB 1975-4752	A 19750204
			US 1976-661468	A3 19760226
			US 1976-731485	A3 19761012

AB Heat-resistant resins with good elec. properties were prepared by the addition polymerization of [PhSO₂N(CN)R]2CH₂ (I), [PhSO₂N(CN)R]2O, and [PhN(CN)SO₂R]2O with R = p-C₆H₄, 1,3-[PhSO₂N(CN)]2C₆H₄ [57469-20-2], MeSO₂N(CN)(CH₂)₆N(CN)SO₂Me, and similar compds. Thus, an acetone solution containing 42 g [4-[(NC)NH]C₆H₄]2CH₂ [30070-39-4] and 37.6 g Et₃N was treated slowly with an acetone solution of PhSO₂Cl [98-09-9] to prepare I (R = p-C₆H₄) [57469-17-7] which was heated 1 hr at 250° and 1 hr at 300°

10/806,315

(with disappearance of nitrile absorption in the ir), giving a polymer [57469-18-8] stable in air at <350°.

IT 57469-31-5 57469-32-6

RL: PEP (Physical, engineering or chemical process); PROC (Process) (heat-resistant)

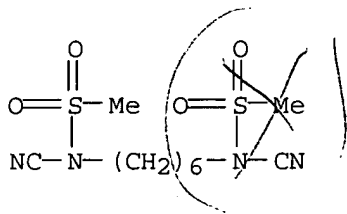
RN 57469-31-5 CAPLUS

CN Methanesulfonamide, N,N'-1,6-hexanediylbis[N-cyano-, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 57469-30-4

CMF C10 H18 N4 O4 S2



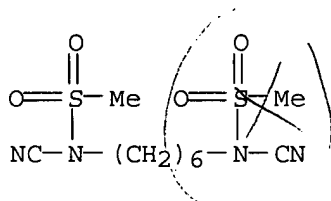
RN 57469-32-6 CAPLUS

CN Methanesulfonamide, N,N'-1,6-hexanediylbis[N-cyano-, polymer with 1,6-hexanediylbis[cyanamide] (9CI) (CA INDEX NAME)

CM 1

CRN 57469-30-4

CMF C10 H18 N4 O4 S2



CM 2

CRN 2187-94-2

CMF C8 H14 N4

